



m22™

Performance.
All You Need.
All In One.

Skin & Hair Treatments

 LUMENIS® | Aesthetic



Performance.
All You Need.
All In One.

In the world of multi-application platforms, performance is everything. From treatment time to clinical outcome and patient satisfaction, performance is the measure of success. It's also the distinct difference of M22.

M22 is the gold standard platform for the treatment of skin conditions and hair removal. Used by physicians around the world, M22 is the multi-application platform that enables you to treat more types of patients and conditions with better outcomes.

Lumenis proudly adds the new ResurFX™ module for non-ablative fractional skin resurfacing to the M22 system. So now, in one device, practitioners have the ideal platform - the world's best IPL module combined with the only CoolScan™ enabled fractional non-ablative module with no disposables, the ResurFX.

Performance.

Innovative

Rely on Lumenis, the most trusted and innovative name in aesthetic devices

Modular

Invest in smart, robust technology - 3 modules for superior clinical results

Versatile

Treat more than 40 indications

Validated

Clinically validated in over 80 peer reviewed papers

Experienced

Easy-to-use with Lumenis presets for each treatment



M22 grows with your practice
expands to your treatment needs and adapts to future applications as they emerge.

M22 - Three Gold Standard Technologies In One Platform

- IPL with Optimal Pulse Technology (OPT™) – provides 24 indications for use
- ResurFX with CoolScan™ Technology – provides 9 indications for use
- Nd:YAG with Multiple Sequential Pulsing Technology – provides 10 indications for use

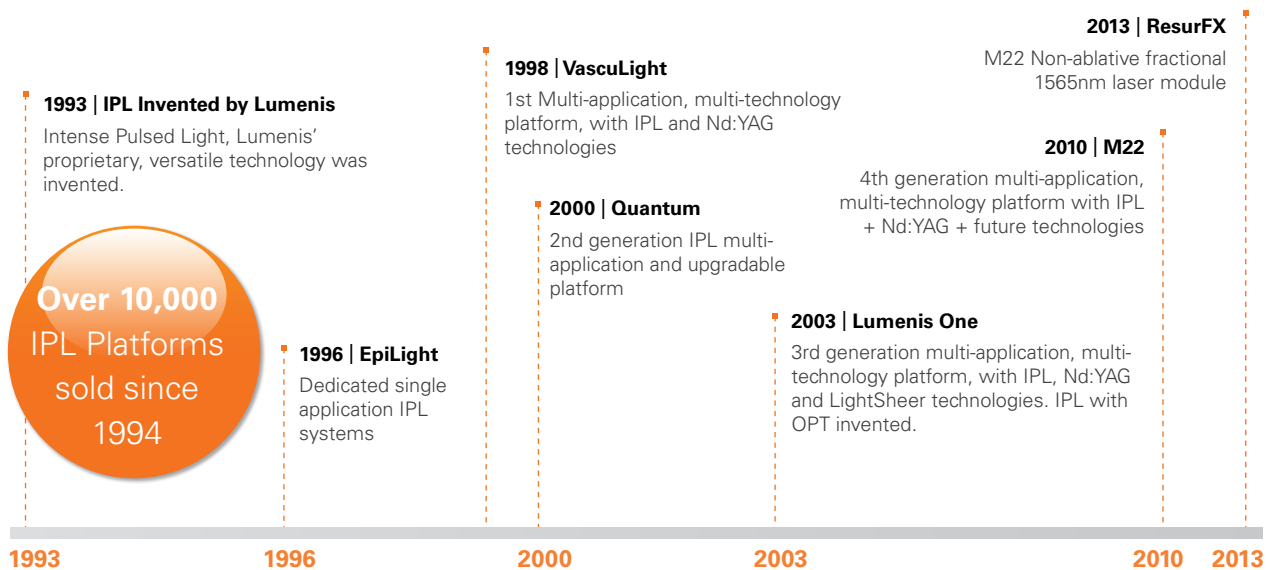
Clinical Indications

Indications	IPL	ResurFX	Nd:YAG
Hair Removal	■		■
Permanent Hair Reduction	■		■
Rosacea	■		
Superficial Telangiectasias	■		■
Deep Telangiectasias	■		■
Truncal Telangiectasias	■		
Vascular Lesions	■		■
Hemangiomas	■		■
Port Wine Stains	■		■
Venous Malformations	■		
Angiomas	■		
Spider angiomas	■		
Leg Veins	■		■
Reticular Veins up to 4.0 mm			■
Solar Lentiginos	■	■	

Indications	IPL	ResurFX	Nd:YAG
Ephelides (freckles)	■	■	
Epidermal Pigmented Lesions	■		
Dermal Pigmented Lesions	■		
Hyperpigmentation	■		
Dyschromia	■	■	
Poikiloderma of Civatte	■		
Scars	■		
Acne Scar		■	
Surgical Scars		■	
Melasma	■	■	
Striae	■	■	
Skin Resurfacing		■	
Periorbital Wrinkles		■	
Superficial Wrinkles			■
Warts	■		

20 Years of Leadership in Multi-Application Platforms and IPL Technology

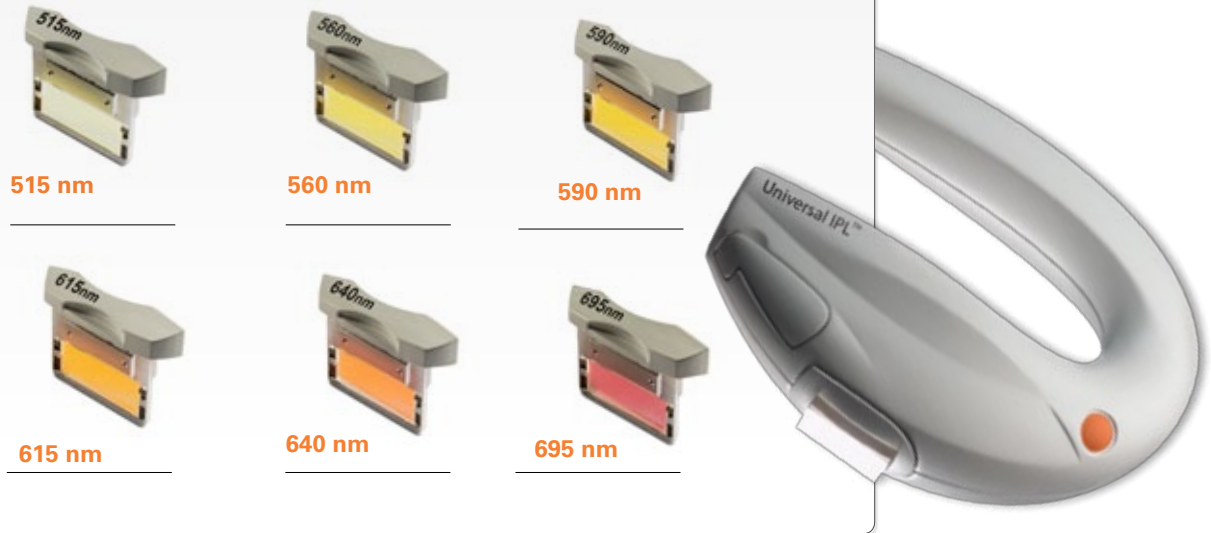
Lumenis Invented, Advanced and Perfected IPL



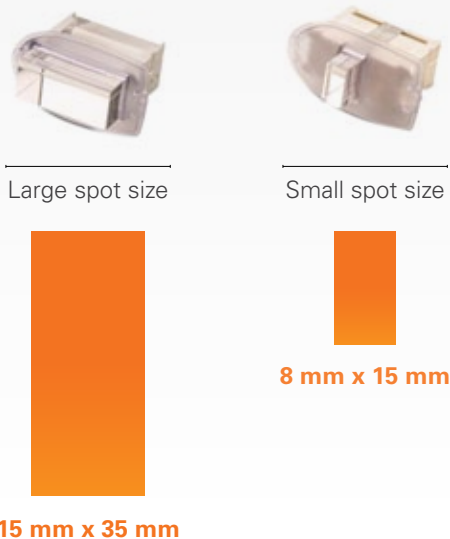
Universal IPL – One Applicator for All IPL Applications

M22's Universal IPL module enables you to treat a myriad of conditions with a single, versatile handpiece. The Universal IPL handpiece is designed with 6 ExpertFilters tailored to the condition being treated and computer-enabled filter recognition for enhanced safety and ease-of use. With the Universal IPL handpiece, change ExpertFilters in seconds instead of attaching a whole new handpiece. The Universal IPL handpiece saves not only treatment time and storage space, but is also extremely cost efficient because there is no need to purchase multiple IPL handpieces.

6 ExpertFilters For Easy-to-Customize Treatments



SapphireCool™ Light Guides – Two Sizes for Large and Small Areas



- Maximize patient comfort via efficient continuous contact cooling
- Quickly switch light guides to treat larger or smaller areas
- The large spot size increases treatment speed by up to 3.5 times. Treat a face in 15 minutes, remove hair on legs in 25 minutes.

"M22 is Lumenis' latest advancement in IPL technology, offering efficacy that is second to none, improved patient comfort, speed, versatility and the reliability for which Lumenis is known. This translates into increased patient satisfaction and increased profitability."

Mitchel P. Goldman, M.D., Founder and Medical Director of Goldman, Butterwick, Keel Cosmetic Laser Dermatology and Volunteer Clinical Professor of Dermatology/Medicine at UC San Diego, USA.

IPL with Optimal Pulse Technology

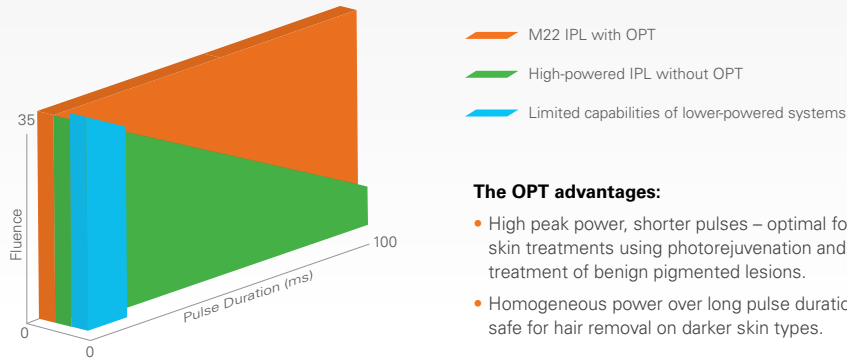
The optimal way to broaden a patient base, comfortably

Only M22 IPL with Optimal Pulse Technology can deliver both low and high fluences over the entire range of both short and long pulses to safely and effectively treat the broadest range of patients.

IPL with OPT Out-Performs Other "IPL" Systems

OPT gives M22 the ability to control IPL pulse shape. While traditional pulsed light systems have a peak of energy at the beginning of the pulse, followed by a decline, Lumenis M22 can equalize the distribution of energy over the entire pulse or over sequential pulses. This delivers the appropriate energy in the safest manner, with high efficiency and reproducible results.

In clinical trials conducted on Lumenis IPL 4th generation devices, it was found that lower fluences (J/cm²) were able to attain the same level of efficacy as older technology systems. Lower effective fluences means a gentler, more comfortable, patient-friendly procedure.



M22 delivers the largest range of possible combinations of pulse durations and fluences.

Clinical Results



Before



After 4 Treatments

IPL treatment of rosacea
Courtesy of
Mariela Nazar, M.D.



Before



After 1 Treatment

IPL skin treatments using photorejuvenation.
Courtesy of Girish
Munavalli, M.D.

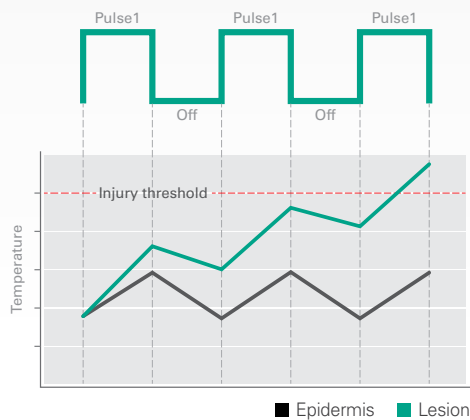
The Only Nd:YAG with Multiple Sequential Pulsing Technology

The Nd:YAG module of M22 supplements the capabilities of the IPL module and offers treatments for telangiectasias, hemangiomas, various other vascular lesions, leg veins and the non-ablative treatment of facial wrinkles.

The two SapphireCool light guides increase patient comfort by providing continuous contact cooling and are easily changed to treat larger or smaller areas, to ensure precise treatment. Computer enabled light guide recognition provides the added margin of the safety you want.

Only M22 Has Multiple Sequential Pulsing

Multiple-Sequential Pulsing, on both the IPL and the Nd:YAG modules, protects the epidermis, allowing the safe use of higher fluences. It may also improve the efficacy in the clearance of vascular lesions*.



How it works:
Light energy is delivered during the pulses, and the tissue cools during the delays. More energy is safely delivered to the target.

What it does:
Multiple-Sequential Pulsing allows for cooling between pulses to safely remove hair on all skin types including darker skin and reduces the chance of skin damage in vascular lesion treatments.



2mm X 4mm light guide



6mm light guide

Clinical Results



Before



After 5 treatments

Port wine stain.
Combination of IPL and Nd:YAG treatment.
Courtesy of Matteo Tretti Clementoni, M.D.



Before



Immediately After Treatment

Vascular lesions.
Courtesy of Mitchel P. Goldman, M.D.

*Pavan K.Nootheti, MD; Kimberly A. Pettit, MD; Gail Yosowitz, BS; Mitchel P. Goldman, MD. Clinical Improvement of Photodamaged Skin After a Single Intense Pulsed Light Treatment. The American Journal of Cosmetic Surgery Vol. 24, No. 1, 2007.

ResurFX for True Fractional Non-Ablative Skin Resurfacing

The ResurFX module of M22 is the only true fractional non-ablative technology – one pass is all it takes. Unlike other fractional technologies, ResurFX needs only one pass to be effective, saving you time and protecting the patient’s skin. ResurFX uses a 1565 nm fiber laser and a very advanced scanner, which enables you to choose from more than 600 combinations of shape, size and density for optimal treatment results.

ResurFX - Invest in the Affordable and Comfortable Wrinkle Treatment Technology

Modular technology Cost effective upgrade for M22, no need to invest in a separate system. No consumables.

Efficacious & fast The best non-ablative fractional treatment for wrinkles in a single pass, unlike other fractional technologies. Up to 20% coverage in ONE pass.

Extremely versatile Perform 9 in-demand treatments including: acne scars, surgical scars, dyschromia, melasma, skin resurfacing, striae and periorbital wrinkles. Customize treatments with 6 shapes, 10 densities, various sizes (5-18 mm).

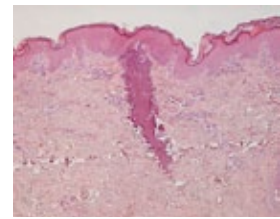
Predictable & reproducible results The outstanding scanning capabilities of the CoolScan scanner ensure that the energy delivery of the micro-beams is precise, homogenous and uniform.

Easy-to-use Intuitive user interface and user presets make it easy to master ResurFX.



ResurFX handpiece

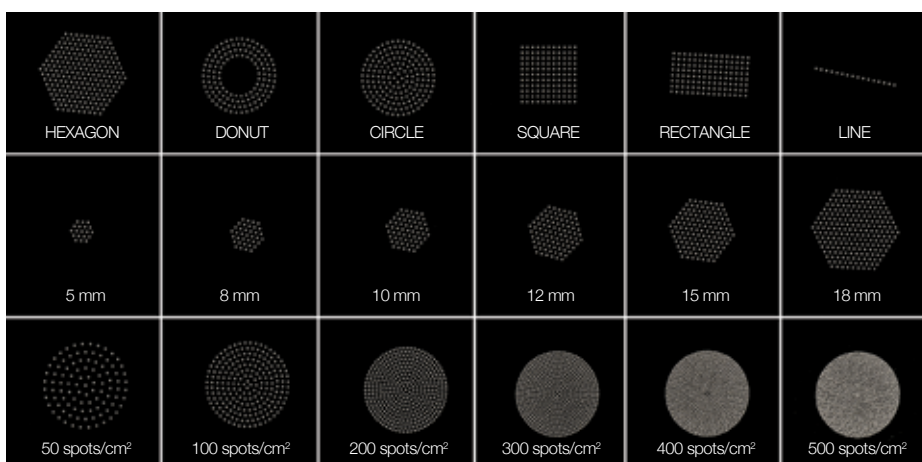
Ergonomic handpiece with good treatment site visibility and an aiming beam for placement precision.



Energy - 70 mJ/microbeam

ResurFX with CoolScan* for Optimal Treatment

The ResurFX module has a state-of-the-art CoolScan scanner for non-sequential scanning which places each fractional spot in a controlled manner to protect the tissue from heat accumulation and overheating. This ability is unique to the ResurFX 1565nm module. The ResurFX handpiece is equipped with continuous contact cooling, to increase patient comfort during treatment and protects the epidermis.



Over 600 treatment parameters - shapes, sizes and densities - to provide the best, customized treatment.



Before



1 month after 3rd treatment

Striae treatment with ResurFX. Courtesy of Mitchel P. Goldman, M.D.

* Patent pending.

The ResurFX module of M22 is available in the U.S. pending U.S. Food and Drug Administration (FDA) clearance.

Lumenis - A Trusted Path to Superior Outcomes

Lumenis is a global innovator of aesthetic medical devices which reflect the real-world need of physicians. We provide forward-thinking, differentiated platform systems supported by superior service programs. Selecting one of our product is, in fact, choosing a trusted path to superior and consistent results.

Specifications

IPL Module	
Applications	IPL Skin Treatments, Vascular Lesions, Pigmented Lesions, Permanent Hair Reduction
Spectrum	515-1200 nm
ExpertFilters	515, 560, 590, 615, 640, 695 nm
Energy Density (Fluence)	10-35 J/cm ²
Pulse Duration	4-20 ms
Pulse Delay	5-150 ms
Pulse Characteristic	Multiple Sequential Pulsing
Repetition Rate	Up to 1 Hz
Spot Size	35 mm x 15 mm; 15 mm x 8 mm
Cooling	Continuous contact cooling
Nd:YAG Module	
Applications	Leg Veins, Deeper Vascular Lesions, Non-Ablative Treatment of Facial Wrinkles
Wavelength	1064 nm
Energy Density (Fluence)	20-225 J/cm ²
Pulse Duration	2-20 ms
Pulse Delay	5-100 ms
Pulse Characteristic	Multiple Sequential Pulsing
Repetition Rate	Up to 1 Hz
Spot Size	6 mm, 2 mm x 4 mm
Cooling	Continuous contact cooling
ResurFX Module	
Applications	Acne Scars, Dyschromia, Melasma, Periorbital Wrinkles, Skin Resurfacing, Striae, Surgical Scars
Wavelength	1565 nm
Pulse Energy	10 – 70 mJ per micro-beam
Pulse Characteristic	CoolScan Scanner
Pattern Shapes	Line, square, rectangle, circle, donut, hexagon
Repetition Rate	From 0.5 to 2 Hz
Spot Size	18 mm
Cooling	Continuous contact cooling
Beam density	Up to 500 microbeams/cm ²
System Specifications	
Dimensions (without ResurFX)	44 x 50.5 x 47 cm (17 x 20 x 18.5 inches)
Dimensions (with ResurFX)	44 x 50.5 x 61.5 cm (17 X 20 X 24 inches)
Weight (without ResurFX)	40 kg. / 88 lbs.
Weight (with ResurFX)	55 kg. / 121 lbs.
Umbilical Cable Length	170 cm / 67 inches
Electrical requirements	100 – 240 VAC ±10%, 12A/8A, 50/60 Hz, single phase, dedicated line.



M22 with optional cart

AMERICAS

San Jose, CA
Tel + 1 408 764 3000
+ 1 877 586 3647
Fax + 1 408 764 3999

EUROPE / MIDDLE EAST / AFRICA

Dreieich-Dreieichenhain
Germany
Tel + 49 6103 8335 0
Fax + 49 6103 8335 300

Rome, Italy
Tel + 39 06 90 75 230
Fax + 39 06 90 75 269

London, UK
Tel + 44 2087364 110
Fax + 44 2087364 119

ASIA / PACIFIC

Beijing, China
Tel + 86 10 5737 6677

Gurgaon, India
Tel + 91 124 421 07 95

Hong Kong
Tel + 852 2174 2800
Fax + 852 2722 5151

JAPAN

Tokyo
Tel + 81 3 6743 8300
Fax + 81 3 6743 8301

